

From: [Patrick Young](#)
To: MRyan@lsuhsc.edu
Subject: Fw: MS Canyon Oil Spill Data received 5-9-2010 in .xls format
Date: 05/18/2010 09:48 AM

Patrick Young, MS, RS
CDR, US Public Health Service
EPA/ATSDR
ATSDR Regional Rep., Region VI
1445 Ross Ave 6SF-L
Dallas, Texas 75202
214-665-8562
young.patrick@epa.gov

----- Forwarded by Patrick Young/R6/USEPA/US on 05/18/2010 09:48 AM -----

Re: Fw: MS Canyon Oil Spill Data received 5-9-2010 in .xls format



EOC to: Patrick Young
Water

05/15/2010
04:19 PM

Sent **Debbie Newberry**
by:

EPA Water@EPA.gov

Water Desk
EPA HQ Emergency Operations Center (EOC)
202-250-8922

▼ Patrick Young---05/15/2010 05:08:17 PM---Debbie, Can you send me the email address for the water eoc desk. The email chain does not show. P

From: Patrick Young/R6/USEPA/US
To: EOC Water@EPA
Date: 05/15/2010 05:08 PM
Subject: Re: Fw: MS Canyon Oil Spill Data received 5-9-2010 in .xls format

Debbie,

Can you send me the email address for the water eoc desk. The email chain does not show. PCC to send y'all reports.

▼ EOC Water

----- Original Message -----

From: EOC Water

Sent: 05/15/2010 04:10 PM EDT

To: Patrick Young

Subject: Re: Fw: MS Canyon Oil Spill Data received 5-9-2010 in .xls format

Nope, sorry, all that I have was what I sent you already.

Water Desk

EPA HQ Emergency Operations Center (EOC)

202-250-8922

▼ Patrick Young---05/15/2010 03:53:58 PM---Check Debra Burgin or Ryan Costello ----- Original Message -----

From: Patrick Young/R6/USEPA/US

To: EOC Water@EPA

Date: 05/15/2010 03:53 PM

Subject: Re: Fw: MS Canyon Oil Spill Data received 5-9-2010 in .xls format

Check Debra Burgin or Ryan Costello

▼ EOC Water

----- Original Message -----

From: EOC Water

Sent: 05/15/2010 03:44 PM EDT

To: Patrick Young

Subject: Re: Fw: MS Canyon Oil Spill Data received 5-9-2010 in .xls format

Sorry, would it have come from a certain person? I do not have anything from the EOC ATSDR mail box.

Water Desk

EPA HQ Emergency Operations Center (EOC)

202-250-8922

▼ Patrick Young---05/15/2010 03:30:57 PM---I am looking for a copy of the Poison Control Center SITREP that was sent to ATSDR desk. ----- O

From: Patrick Young/R6/USEPA/US

To: EOC Water@EPA

Date: 05/15/2010 03:30 PM

Subject: Re: Fw: MS Canyon Oil Spill Data received 5-9-2010 in .xls format

I am looking for a copy of the Poison Control Center SITREP that was sent to ATSDR desk.

▼ EOC Water

----- Original Message -----

From: EOC Water
Sent: 05/15/2010 03:04 PM EDT
To: Patrick Young
Subject: Re: Fw: MS Canyon Oil Spill Data received 5-9-2010 in .xls format
Water Desk
EPA HQ Emergency Operations Center (EOC)
202-250-8922

▼ EOC ATSDR---05/11/2010 06:28:08 PM---Below, please find the review from ATSDR Environmental Health Team for the may 9th data package. Hea

From: EOC ATSDR
To: EOC OAR@EPA, EOC Water@EPA
Date: 05/11/2010 06:28 PM
Subject: Fw: MS Canyon Oil Spill Data received 5-9-2010 in .xls format

Below, please find the review from ATSDR Environmental Health Team for the may 9th data package.

Headline: ATSDR does not anticipate any increased hazard to human health related to the oil spill based on this data. Any observations from the field teams on the unusual readings of combustible vapors at Station V02 that may help explain future detections would be appreciated.

Thank you,
Deborah

▼ Deborah Burgin---05/11/2010 06:24:10 PM----- Forwarded by Deborah Burgin/DC/USEPA/US on 05/11/2010 06:23 PM -----

----- Forwarded by Deborah Burgin/DC/USEPA/US on 05/11/2010 06:23 PM -----

From: "Nickle, Richard (ATSDR/DTEM/PRMSB)" <ran2@cdc.gov>
To:

Cc:

Date: 05/11/2010 06:21 PM

Subject: MS Canyon Oil Spill Data received 5-9-2010 in .xls format

ATSDR has reviewed the attached draft data packages. Air monitoring results along the Gulf coast in Region 4 do not show any significant readings. In the Region VI readings, Venice Stations 02, 03, and 05 indicate hydrogen sulfide concentrations above the odor threshold for transient periods on 5/8-9. It is not anticipated that these concentrations would result in adverse health effects. Having seen these concentrations in that area fairly consistently for several days and no other indicators consistent with an oil spill, ATSDR assumes the source of the H₂S is likely to be natural sources in the area and will not report these detections unless significantly higher. Also at Station V02, concentrations of combustible vapors were reported as approaching 5% of the lower flammable limit for 2 periods of 3 hours each on 5/8; once from 1600-1800 and again from 2100-2300. Since apparently no ignition source was in the area and there was no corresponding increase in the readings from other instruments, the significance of these readings is unknown.

In the laboratory data from region IV, 1,2-dichloroethane was detected at the 10-5 lifetime cancer risk at AL Station V002. Halogenated hydrocarbons are not expected to be associated with crude oil. Benzene was detected at a slightly elevated concentration compared to a lifetime cancer risk at all stations along the Region IV coast line, but the concentration was within normal urban background levels in the US.

In the laboratory data for Region VI, benzene levels at two Chalmette sample points approach the 10-5 lifetime cancer risk. Arsenic levels for both water and sediment were about the 10-5 cancer risk; however, the sample points are located in brackish or salt water or salt marshes. Along with the other metals, ATSDR would expect the arsenic to be elevated as well. Thallium was

also detected at 4 locations in salt or brackish water at levels about the MCLG established for safe drinking water. No one is known to be using salt water as a potable water supply in this area except possibly vessels. Vessel desalination plants are designed to removed these salts. Bis(2-ethylhexyl) phthalate was detected at slightly elevated concentrations near the same location it was previously detected.

Lifetime cancer risk, as used here, means a given population or group of people would have to be exposed to that concentration for a lifetime (~70 years) to have a statistical increase in the probability that the number of cases of cancer within the group would increase by the indicated odds (i.e., 10⁻⁵ or 10⁻⁶).

ATSDR does not anticipate any increased hazard to human health related to the oil spill based on this data. Any observations from the field teams on the unusual readings of combustible vapors at Station V02 that may help explain future detections would be appreciated.

Rich Nickle
ATSDR Emergency Response

From: Burgin.Deborah@epamail.epa.gov
[mailto:Burgin.Deborah@epamail.epa.gov] **On Behalf Of**
EOC_ATSDR@epamail.epa.gov
Sent: Monday, May 10, 2010 1:02 PM
To: CDC NCEH/ATSDR Environmental Health Lead (CDC)
Cc: Nickle, Richard (ATSDR/DTEM/PRMSB)
Subject: Re: Data received 5-9-2010 in .xls format

Rich,
I do not know if you've already received this 5/9/10 data - we are having some issues with the mailboxes here.

Deborah

EOC
Environmental
Unit

Sent by: Joan
Karrie

To EOC Water@EPA, EOC OAR@EPA, EOC ATSDR@EPA, Susan
Holdsworth/DC/USEPA/US@EPA, Charles Kovatch/DC/USEPA/US@EPA, Louise
Camalier/RTP/USEPA/US@EPA

cc

05/09/2010 05:39 PM Subject Data received 5-9-2010 in .xls format

[attachment "sampling_050910.xls" deleted by Patrick
Young/R6/USEPA/US]

[attachment "Monitoring_R06_050910.xls" deleted by Patrick
Young/R6/USEPA/US]

[attachment "Monitoring_R04_050910.xls" deleted by Patrick
Young/R6/USEPA/US]